This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 91-F-0001

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

CUSTOMER NO. 1207

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) NATIONAL MARINE MAMMALS LABS. 7600 SAND PT WAY, NOAA BLDG. 32

SEATTLE, WA 98115 (206) 526-4048

FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) D. Number of animals upon E. Number of animals upon which teaching, B. Number of experiments, research, surgery or tests were which experiments, animals being animals upon TOTAL NO. conducted involving accompanying pain or distress teaching, research, **Animals Covered** which teaching, bred, OF ANIMALS to the animals and for which the use of appropriate surgery, or tests were conducted involving By The Animal conditioned, or research, anesthetic, analgesic, or tranquilizing drugs would experiments, or Welfare Regulations held for use in have adversely affected the procedures, results, or interpretation of the teaching, research, (Cols. C+ teaching, testing, accompanying pain or tests were D + E) experiments, distress to the animals conducted experiments, surgery, or tests. (An explanation of and for which appropriate research, or involving no the procedures producing pain or distress in these animals and the reasons such drugs were not used surgery but not pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were must be attached to this report) relieving drugs. numoses. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals No animals to report for 2004 13. Other Animals **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

Αl

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

13 (Oct 88), which is obsolete

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL :xecutive Officer or Legally Responsible Institutional official) fy that the above is true, correct, and complete (7 U.S.C. Section 2143)				
s		NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Pri	int) DATE SIGNED		
			24 Spoy		
	12 (0-4-89) wh	ish is checleto	PART 1 - HEADQUARTERS		



UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

NATIONAL MARINE FISHERIES SERVICE

ALASKA FISHERIES SCIENCE CENTER
NATIONAL MARINE MAMMAL LABORATORY
7600 Sand Point Way NE, Bin C15700
Seattle, Washington 98115-0070

24 September 2004

Robert M. Gibbens
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Animal Care, Western Region
2150 Centre Avenue
Building B, 3W11
Ft. Collins, CO 80526

Dear Dr. Gibbens:

The National Marine Mammal Laboratory (NMML) recently received a reminder to complete our annual report for our research facility (APHIS Form 7023). Per our letter of 27 July 2004, it recently became clear that it is not appropriate to report to APHIS on the wildlife studies conducted by NMML. Our studies fall under the APHIS definition of studies "to monitor the population status" that are necessary for wildlife management and do not fit the APHIS definition of "research". Thus, we have nothing to report in 2004. Should NMML initiate studies that fall under the APHIS definition of "research," they will be reported as required.

For your information, all marine mammal studies at NMML are conducted under the authority of federal marine mammal permits, which are subject to substantial public review for the types of studies conducted and the numbers of animals of each species involved. Studies carried out by NMML are permitted under the Marine Mammal Protection Act and the Endangered Species Act, if applicable. Permit requests are published in the Federal Register and are made available for public review and comment. Analyses under the National Environmental Policy Act and section 7 consultations under the Endangered Species Act are conducted, if necessary, prior to issuance of a marine mammal study permit. Furthermore, there are both annual and 5-year reporting requirements for each marine mammal permit. These documents can be obtained by contacting Steve Leathery, Chief, Office of Protected Resources – Permits Division, 301/713-2332.

Should you require additional information, please contact me at your convenience.

Cincerely



CC'R Haus com

This report is required by law (? USC 21 43) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Set reverse side for additionalinformation

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 91-F-002 Customer Number: 1212

FORM APPROVED OMB NO. 0579-0036

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Dept. Of Clinical Investigations Madigan Army Medical Center Box 454

Tacoma, WA 98431

Telephone: (253)-968-1160

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITYLOCATIONS (Sites)

Building 9040 (NMAMC) Department of Clinical Investigation

OMAMC Buildings 9781, 9782, 9786, and 9793

REPORT OF ANIMALS USED BY (A.	B.Number of	C. Number of	D. Number of animals upon	E, Number of animals upon which teaching	F.
Animals Covered By The Anima Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	animals upon which teaching, research, experiments, or tests were conducted involving no paln, distress. or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analyesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be atteched to this report)	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	·				
5. Cats					
6. Guinea Pigs					
7. Hamsters	10				0
8. Rabbits					
. Non-human Primates					
10. Sheep					
11., Pigs			6		6
12. Other Farm Animals					
Goats	27		178		178
3 Other Animals					
Ferrets			10		. 10
Laboratory Mice	71		295		295
Newts	106		31		31

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this armual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer of Legally Responsible Institutional Official)

(Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIG

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

23 NOV 04

	This report is required by law (7 USC 2143). Failure to report according to the regulations can
•	result in an order to cease and desist and to be subject to penalties as provided for in Section 215
r	

See attached form for	(7.	III CACE	Report Control No.
additional information.	<u>// – </u>	30-04	

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-F-0007 CUSTOMER NUMBER: 1213

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Usda/Ars/Animal Disease Research Unit 337 Bustad Hall Washington State University Pullman, WA 99164

Telephone: (509) -335-6029

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

	1		RCH FACILITY (Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Cuinea Pigs		•			
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep	83	118			/10
11. Pigs		170			//8
12. Other Farm Animals					
Cattle 13. Other Animals	39		41		41
Horses	11		8		<u> </u>
Horses Goats	Ö	12	Z Or		12
ASSIDANCE STATEMENTS		-			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	_
(Chief Executive Officer or Legally Responsible Institutional Official)	

NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL /Time of Dark

(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

123.0

SIGNATURE OF CEO OF INSTRUCTION OFFICE

APHIS Form 7023, Certificate Number: 91-F-0007, Customer number 1213

Facility Locations (Sites)

- 1. Washington State University Airport Road Pullman, Washington 99164-6630 509-335-7335
- 2. University of Idaho Holm Research Center Moscow, Idaho 8384402201 208-885-5799

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21st

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

additional information. 1. CERTIFICATE NUMBER:

91-R-0001

aussom FORM APPROVED OMB NO. 0579-0036

Interagency Report Control No.:

CUSTOMER NUMBER:

1016

See attached form for

University Of Washington Box 357190

Seattle, WA 98195

Telephone: (206) -543-8047

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.	B. Number of animal being bred,	Or MOUNDER OF	D. Number of animals upon	nal sheets if necessary or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
L. Dogs	1	23	25		
. Cats		1	35		58
. Guinea Pigs	0	52	5		6
Hamsters	20	47	4		56
Rabbits	10		40		87
Non-human Primates	202	524	316		840
Sheep		725	233		958
Pigs	0	5	24		
	2	92	221		29
Other Farm Animals					313
Goats	0	0	2		
Other Animals			2		2
errets	0	10	0		
Gerbils	. 12	0	132		10
			132		132

URANCE STATEMENTS

VATURE OF OF T

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately account to the standards and regulations be specified and explained by the principal investigator and approximately account to the standards and regulations are specified and explained by the principal investigator and approximately account to the standards and regulations are specified and explained by the principal investigator and approximately account to the standards and regulations are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and explained by the principal investigator and approximately account to the standards are specified and account to the standards are specified as account to the standards are specified as a specified account to the standards ar This facility is adnering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applications and applications and the standard standard in the standard standard in the standard standard standard in the standard s
-) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF CEO OF INSTITUTION

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CONTINUATION SHEET FOR ANNUAL REPORT

1. REGISTRATION NO. 91 - R - CCO |

FORM APPROVED OMB NO. 0579-0036

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

University of Washington Box 357190 Seattle, Washington 98195 (206) 543-8047

OF RESEARCH FACILITY (TYPE OR PRINT)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use this form.) Α Number of Number of E. Number of animals upon which teaching, D. Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments. bred, Animals Covered which teaching, conducted involving accompanying pain or distress teaching, research, By The Animal conditioned, or research. to the animals and for which the use of appropriate TOTAL: NO surgery, or tests were Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would conducted involving OF ANIMALS teaching, testing, tests were have adversely affected the procedures, results, or accompanying pain or experiments, conducted interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of distress to the animals involving no research, or and for which appropriate (Cols. C + D + E) surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such 12. &/OR 13. Other animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report). (List by species) Wild Animals: 150 B<u>ats</u> 23 59 82 Chipmunks 26 26 Gophers Mice 1418 418 Sea Lions Shrews Scuirrels 61 Voles 105 105 Weasels ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

1 certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

JAN 1 0 2005

University of Washington Registration # 91-R-0001 Department of Comparative Medicine, Box 357190 November 2004

ATTACHMENT A

FACILITY LOCATIONS:

- Department of Comparative Medicine: Health Sciences Building, Harborview Research
 Center on Live
- Center on Human Development and Disability: Bloedel Hall
 Department of Development and Disability: Bloedel Hall
- 3. Department of Psychology: Guthrie Hall
- Washington National Primate Research Center: Health Sciences Building, Western
 Department on
- 5. Department of Biology: Hitchcock Hall

ATTACHMENT B

Institutional Animal Care and Use Committee Approved Exceptions to the Standards and Regulations of the Animal Welfare Act:

Cage Variances:

1) During behavioral testing of monkeys group-housed in "run-through" cages, a divider will be used that keeps all but the test monkey in slightly smaller cage space than USDA regulations specify. The animals will be housed in the smaller cage no more than 36 hours and typically less than 12.

Species: Primates

Number of animals used: 0

2) Waiver of requirement for a perch in the cages of certain dams. The animals are in the late stages of pregnancy and are jacketed and tethered to a swivel and pump system. There is a danger of the tether becoming caught on or entangled with the perch.

Species: Macaca nemestrina Number of animals used: 6

3) A "run-through" configuration of two group 4 cages for group 3 category monkeys. This provides 12.5 sq ft of floor space rather than the 12.9 sq ft recommended in the regulations for animals of this weight. It is felt that the small difference in available floor space is more than compensated for by the complete access to age-matched cohorts, allowing full social interactions between the triads.

Species: Macaca nemestrina Number of animals used: 12

Multiple Major Surgery:

I. Exceptions approved by the University of Washington IACUC and USDA

None

II. Exceptions approved by the University of Washington IACUC

1) 1. Bone marrow aspiration

2. Implantation in the paw of a tissue engineered construct, 3 weeks following #1

3. Bone ablation and elevation of construct, 6 weeks following #2

Species: Rabbits

Interval: 3 - 6 weeks

- 2) 1. Laparotomy to place bilateral aortoiliac PTFE vascular grafts; ligation of native aorta
 - 2. Creation of unilateral femoral A-V fistula through groin incision, 2 months following #1 Species: Baboon

Interval: 2 months

Number of animals used: 0

3) 1. Laparotomy to place bilateral aortoiliac PTFE vascular grafts; ligation of native aorta

2. Laparotomy and incision in groin to infuse adenoviral vectors, 2 months following #1

Species: Baboon Interval: 2 months

Number of animals used: 0

- 4) 1. Laparotomy to place bilateral aortoiliac PTFE vascular grafts; ligation of native aorta
 - 2. Laparotomy and incision in groin to infuse adenoviral vectors; creation of bilateral femoral A-V fistula through groin incision, 2 months following #1

Species: Baboon Interval: 2 months

Number of animals used: 0

- 5) 1. Craniotomy and injection of tracers into brain
 - 2. Laminectomy and injection of tracers into spinal cord, a minimum of 10 days following #1 Species: Macaca nemestrina, Macaca mulatta

Interval: 10 days

Number of animals used: 7

- 6) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days

Number of animals used: 0

- 7) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
 - 3. Craniotomy and injection of tracers into brain or spinal canal re-opened if bone has regrown and injection of tracers into spinal cord, a minimum of 2 months following #2

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 8) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
 - 3. Spinal canal re-opened if bone has re-grown and implant of microwires into spinal cord, a minimum of 2 months following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 9) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
 - 3. Craniotomy and injection of tracers into brain, a minimum of 2 months following #2
 - 4. Spinal canal re-opened if bone has re-grown and injection of tracers into spinal cord, a minimum of 10 days following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 10) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions, and craniotomy and implant of brain recording chamber
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days

Number of animals used: 0

- 11) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions, and craniotomy and implant of brain recording chamber
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
 - 3. Spinal canal re-opened if bone has re-grown and injection of tracers into spinal cord, a minimum of 2 months following #2

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 12) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions, and craniotomy and implant of brain recording chamber
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
 - 3. Spinal canal re-opened if bone has re-grown and implant of microwires into spinal cord, a minimum of 2 months following #2

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months

- 13) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1

3. Craniotomy and implant of brain recording chamber, a minimum of 14 days following #2

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 - 14 days

Number of animals used: 0

- 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1

3. Craniotomy and implant of brain recording chamber, a minimum of 14 days following #2

4. Spinal canal re-opened if bone has re-grown and injection of tracers into spinal cord, a minimum of 2 months following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 15) 1. Craniotomy and implant of head restraint devices and electrodes to stimulate or record from brain regions
 - 2. Laminectomy and implant of spinal recording chamber and stimulating electrodes, a minimum of 7 days following #1
 - 3. Craniotomy and implant of brain recording chamber, a minimum of 14 days following #2
 - 4. Spinal canal re-opened if bone has re-grown and implant of microwires into spinal cord, a minimum of 2 months following #3

Species: Macaca nemestrina, Macaca mulatta

Interval: 7 days - 2 months Number of animals used: 0

- 16) 1. Craniotomy and implant cranial chambers
 - 2. Implant wires in arm muscle 4 weeks following #1
 - 3. Craniotomy or laminectomy for tracer injections, a minimum of 4 weeks following #2

4. Craniotomy or laminectomy for tracer injections, a minimum of 2 weeks after #3

5. Laminectomy to place cervical vertebral implant to record from neurons in the spinal cord, 4 months following a craniotomy for one animal. Placement of spinal electrodes in one animal, 9 months following #4

Species: Macaca nemestrina Interval: 2 weeks - 4 months Number of animals used: 1

1. Eye coil surgery, 4-6 tiny holes drilled in skull to accept small screws for stabilization lugs

2. Craniotomy to implant chambers, a minimum of several weeks to several months following #1

Species: Macaca mulatta

Interval: several weeks to several months

- 18) 1. Eye coil surgery, 4-6 tiny holes drilled in skull to accept small screws for stabilization lugs
 - 2. Craniotomy to implant chambers, a minimum of several weeks to several months following #1
 - 3. Temporal bone surgery to plug semicircular canals, several weeks to several months following #2

Species: Macaca mulatta

Interval: several weeks to several months

Number of animals used: 1

19) 1. Pancreatectomy

2. Islet transplantation 3 weeks following #1

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 20) 1. Islet transplant
 - 2. Islet transplant, 3 weeks following #1
 - 3. Islet transplant, 3 weeks following #2

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 21) 1. Thoracotomy
 - 2. Islet transplantation, 3 weeks following #1

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 22) 1. Thoracotomy
 - 2. Kidney transplant, 3 weeks following #1

Species: Macaca nemestrina, Macaca fascicularis, Baboon

Interval: 3 weeks

Number of animals used: 0

- 23) 1. Laparotomy for oocyte collection
 - 2. Laparoscopy for oocyte collection, a minimum of 3 months following #1
 - 3. C-section (after nonsurgical artificial insemination), a minimum of 3 months following #2
 - 4. C-section (after nonsurgical artificial insemination), a minimum of 3 months following #3

Species: Macaca nemestrina, Macaca fascicularis

Interval: 3 months

Number of animals used: 0

- 24) 1. Laparoscopy for oocyte collection
 - 2. Laparoscopy for oocyte collection, a minimum of 3 months following #1
 - 3. C-section, a minimum of 3 months following #2

Species: Macaca nemestrina, Macaca fascicularis

Interval: 3 months

25) 1. Laparoscopy for oocyte collection

2. Laparotomy for embryo transfer, a minimum of 3 months following #1

3. C-section, a minimum of 3 months following #2

Species: Macaca nemestrina, Macaca fascicularis

Interval: 3 months

Number of animals used: 0

- 26) 1. Partial pancreatectomy and creation of isolated intestinal pouch
 - 2. Laparotomy for islet transplantation, a minimum of 24 hours after #1

Species: Dogs Interval: 24 hours

Number of animals used: 1

- 27) 1. Total pancreatectomy, stomach myocytes obtained, islet autografts placed in the omentum, and resection of any ischemic appearing duodenum
 - 2. Laparotomy to examine the duodenum for signs of progressive ischemia and possible resection of duodenum to prevent perforation, 24 hours following #1
 - 3. Laparotomy to place transduced myocytes expressing human insulin, 6 weeks to 3 months following #3

Species: Dogs

Interval: 24 hours - 3 months Number of animals used: 2

- 28) 1. Eye coil implantation and head holder
 - 2. Chamber (craniotomy) 2 months after #1

Species: Macaca mulatta

Interval: 2 months

Number of animals used: 3

- 29) 1. Eye coil placement and implantation of stabilization lugs into the skull
 - 2. Craniotomy a minimum of 3 weeks after #1

Species: Macaca mulatta

Interval: 3 weeks

Number of animals used: 2

- 30) 1. Placement of TMJ implants (EMG electrodes, x-ray opaque markers) and tongue reduction surgery
 - 2. Placement of additional TMJ implants (strain gauges, transducers), 10-14 days following #1

Species: Pigs

Interval: 10 - 14 days Number of animals used: 0

- 31) 1. Placement of TMJ implants (EMG electrodes, x-ray opaque markers)
 - 2. Tongue reduction surgery, 7 10 days following #1
 - 3. Placement of additional TMJ implants (strain gauges, transducers), 10-14 days following #2

Species: Pigs

Interval: 7 - 14 days

32) 1. Implantation of eye coils and head-stabilizing acrylic lugs

2. Implantation of a recording chamber over a craniotomy, 2 - 24 months following #1.

Species: Macaca mulatta Interval: 2 - 24 months Number of animals used: 4

33) 1. Implantation of eye coils and head-stabilizing acrylic lugs

2. Brain lesion to divide the left and right halves of the eye movement-related part of the medial cerebellum, a minimum of 3 months following #1

Species: Macaca mulatta

Interval: 3 months

Number of animals used: 0

- 34) 1. Implantation of eye coils and head-stabilizing acrylic lugs
 - 2. Craniotomy to produce brain lesion to divide the left and right halves of the eye movement-related part of the medial cerebellum, a minimum of 2 months following #1
 - 3. Implantation of a recording chamber over a craniotomy, a minimum of 1 month following #2

Species: Macaca mulatta Interval: 1 - 2 months Number of animals used: 0

- 35) 1. Implantation of eye coils and head-stabilizing acrylic lugs
 - 2. Implantation of a recording chamber over a craniotomy, 2 24 months following #1
 - 3. Craniotomy to inject tracers into the brain, 3 24 months following #2

Species: Macaca Mulatta Interval: 2 - 24 months Number of animals used: 0

- 36) 1. Implantation of eye coils and head-stabilizing acrylic lugs
 - 2. Implantation of a recording chamber over a craniotomy and surgery to plug semicircular canals, 2 24 months following #1

Species: Macaca Mulatta Interval: 2 - 24 months Number of animals used: 0

- 37) 1. Implantation of eye coil and head holder
 - 2. Craniotomy, 6 12 months after #1 above
 - 3. Possible chamber repositioning 6 months after #2 above
 - 4. Possible eye coil replacement 3 12 months after initial eye coil surgery

Species: Macaca mulatta Interval: 3 - 12 months Number of animals used: 3

- 38) 1. Female cats are spayed
 - 2. A craniotomy is performed to implant recording chambers a minimum of 2 months after #1

Species: Cats
Interval: 2 months

39) 1. Removal of periosteal flap

2. Implantation of explant into reamed glenoid and humeral head replacement, 48 hours, 5 days, or 7 days following #1

Species: Rabbits

Interval: 48 hours - 7 days Number of animals used: 0

- 40) 1. Removal of periosteal flap
 - 2. Implantation of periosteal explant into muscle pouch over the shoulder blade, 5 7 days following #1

Species: Rabbits Interval: 5 - 7 days

Number of animals used: 0

- 41) 1. Placement of maternal-fetal catheters (110 days gestation)
 - 2. C-section at 140, 155, and 160 165 days gestation

Species: Macaca nemestrina Interval: 30, 45, 50 or 55 days Number of animals used: 0

42) Laparotomy for intestinal and hepatic biopsy three times during pregnancy: early pregnancy, day 55-75, late pregnancy day 135-150 and post partum day 52-70

Species: Macaca nemestrina Number of animals used: 0

- 43) 1. Placement of maternal-fetal catheters (60 70 days gestation)
 - 2. C-section (160 165) a minimum of 100 days following #1

Species: Macaca nemestrina

Interval: 100 days

Number of animals used: 0

- 44) 1. Laparotomy to obtain hepatic and jejunal biopsy samples
 - 2. Laparotomy to obtain hepatic and jejunal biopsy samples, a minimum of 70 days following #1
 - 3. Laparotomy to obtain hepatic and jejunal biopsy samples, a minimum of 85 days following #2

Species: Macaca nemestrina

Interval: 70 - 85 days



1016 91-12-0001

Health Sciences Administration Office of the Executive Director

January 6, 2005

USDA, APHIS, Animal Care Western Regional Office 2150 Centre Ave, Bldg. B Mail stop #3W11 Fort Collins, CO 80526-8117

It has come to our attention that our initial USDA Annual Report for the reporting period October 1, 2003 through September 30, 2004 failed to include sea lions that were used on a project during that time. A corrected Continuation Sheet for Annual Report (APHIS form 7023A) is included.

Also, please include (b)(6), (b)(7)c as as an additional person authorized to conduct business under our registration. (b)(6), (b)(7)c is the Director of Budget and Administration, Health Sciences Administration, and is authorized to act on my behalf when I am unavailable.

If you have questions or require additional information, please don't hesitate to contact me.

cc:

(b)(6), (b)(7)c

This report is required by law (7 USC 2143). Failure to report according to the regulations can rest it in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for I I DC / Interagency Report Control No.: additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0002 CUSTOMER NUMBER: 1026

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) COPY FOR YOUR INFORMATION

Washington State University Office Of The Campus Veterinarian P O Box 641165 Pullman, WA 99164

Telephone: (509) -335-6246

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)				
4. Dogs	5	238	165	0	403				
5. Cats	4	113	6	0	119				
6. Guinea Pigs	0	30	0	0	30				
7. Hamsters	0	0	22	0	22				
8. Rabbits	0	40	0	0					
9. Non-human Primates	0	0	0	0	40				
10. Sheep	0	8	4	0	0				
11. Pigs	0	0	0	0	12				
12. Other Farm Animals				U	0				
Horses	23	20	17	1	 38				
Cattle	0	26	6	0					
Camelids	0	26	0	0	32				
13.Other Animal	.s				26				
Bighorn Shee		15	0	0	15				

URANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

The attending veterinarian for this research facility has appropriate author	rity to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
CERTIFICATION	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional Official)	
OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
(Nopraces vo nor M 18-23 (OCT 88), which is obso	ete.)	4/1/09

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

COPY FOR YOUR INFORMATION

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REPORT OF ANIMALS USED BY OF A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons, such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL (Cols. C + D + E)
Grizzly Bears	0 :	24	0	0	24
Cougar	0	0	17	0	17
Duiker	0	4	0	0	4
Pygmy Rabbit	0	90	0	0	90
Cottontail Rabbit	0	4	. 0	0	4
Mule deer	0	45	0	0	45
Mink	0	0	64	0	64
Ferret	0	1	0	0	1
Gerbils	40	84	0	0	84
Meadow Vole	0	64	0	0	64
Deer mice	0	2600	0	0	2600
Bats	0	49	0	0	49
				5.	
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- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

COPY FOR YOUR INFORMATION

Washington State University
USDA Annual Report YR: 2003-2004

Column E Explanation

This form is intended as an aid to complete the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

- 1. Registration Number: 91-R-0002
- 2. Number of animals used in this study: 1
- 3. Species of animals used in this study: Horse
- 4. Explain the procedure producing pain and/or distress:

Protocol# 2782

This is a request to perform an additional procedure to study innate immune responses in horses with existing equine infectious anemia virus (EIAV) infections. Recent studies in vitro suggest that innate immune responses may significantly affect the replication of the virus in vivo. The modified procedure will include the intravenous administration of bacterial lipopolysaccharide (LPS, endotoxin) to activate the primary host cells for EIAV (tissue macrophages) and cause increased expression of TNF-alpha. A pilot study in 4 ponies is needed to document that the in vitro data can be extended to the in vivo situation.

Administration of LPS to activate tissue macrophages: Exogenous administration of LPS stimulates tissue macrophages in vivo, as indicated by increased serum levels of TNF-alpha, and in this experiment is hypothesized to interfere with innate immunity and host mechanisms that suppress viral replication. Three of the horses with current inapparent EIAV infections will be used for this amended experiment. LPS will be given intravenously at the rate of 0.25 ug/kg in sterile saline and administered slowly over a period of 5 min on 2 consecutive days. This dose of LPS has been shown to affect a number of physiologic factors in horses, including heart rate, respiratory rate, body temperature, PCV, plasma protein, and leukocyte counts. However, these effects are generally mild and transient. In addition, horses administered LPS exhibit moderate depression, anorexia, and colic - however, these effects are also transient (hours) and are not life threatening. If there is any severe reactions resulting in severe distress, or unexpected reactions such as seizures, laminitis, or hypovolemic shock, the experiment will be terminated immediately by euthanasia of the horse. After administration of LPS, the ponies will be monitored continuously for the first 2 hours for side effects, then every hour for the next 12 hours. If observed, severe side effects will be treated with flunixin meglumine (Banamine), a nonsteroidal antiinflammatory drug, administered (1 mg/kg, IV) as needed to control fever and provide analgesia.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below).:

The reason that the effects of LPS are not treated (unless severe) is that antiinflammatory drugs will interfere with the action of LPS on macrophages. The reason that transient or low grade fever of EIAV is not treated is that these horses typically remain alert, and continue to eat and drink. However, treatment with antiinflammatory drugs may compound the low platelet counts associated with EIAV and may in fact worsen the clinical disease by producing life-threatening bleeding disorders.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal regulations (CFR), title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

NA

COPY FOR YOUR INFORMATION

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

Interagency Report Control No.: See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0003 CUSTOMER NUMBER: 1017

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

The Hope Heart Institute 1710 E. Jefferson Seattle, WA 98122

Telephone: (206) -903-2001

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (CCLUMNS		
4. Dogs	36	0	6		_		
5. Cats	5,6	- V		0			
6. Guinea Pigs					0		
7. Hamsters					0		
8. Rabbits			· · · · · · · · · · · · · · · · · · ·		0		
9. Non-human Primates					. 0		
10. Sheep					0		
11. Pigs							
12. Other Farm Animals					0		
					0		
13. Other Animals				2	0		
			·	·			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTE	RS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally I	Responsible Institutional Official)

DATE SIGNED

SIC

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL /Time of Daint

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

1018

cc: H: Murejue

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0006 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Battelle Mem. Inst., Richland Site P. O. Box 999, (Msin P7-52) Richland, WA 99352

Telephone: (509) -376-6115

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.	B. Number of animal	C. Number of	D Mark Tricacii addition	Alached Listing	
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this repon	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0 .			
5. Cats	0		0	0	
6. Guinea Pigs	0	0	0	0	0
7. Hamsters		0	. 0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	104	0		0
	0	0	0	0	104
10. Sheep	0	0		0	0
11. Pigs	0		0	0	0
2. Other Farm Animals	0	0	0	0	
		0	0	0	0
3. Other Animals		•			0
ottontail	0				
lacktail deer	0	0	5	0	5
er mouse	0	0	1	0	
ASSURANCE STATEMENTS	U	0	15	0	1

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appropriate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in the exceptions as well as the species and number of animals affected. There were no exceptions
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to over

	CERTIFICATION BY HEA (Chief Executive Office	re the provision of adequate veterinary care and to oversee the ADQUARTERS RESEARCH FACILITY OFFICIAL or or Legally Responsible Institutional Official)	adequacy of other aspects	of animal care and use.
-		NAME & TITLE OF C.E.O. OR INSTRUMENT	e or Print)	DATE SIGNED
,				Nov 36, 2004

NO

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USDA APHIS AC WRO

See reverse side for additional information.

12/20/04 Interapency Report Control No 0180-DOA-AN

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

include Zip Code)

91-R-0007

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as majistered with USDA,

CUSTOMER NO.

1019

BENAROYA RESEARCH INST. AT VIRGINIA MASON 1201 NINTH AVENUE SEATTLE, WA 98101

IC . HAURSON, PAGE

THE CHANGE PACIFIED A PERSON	All Incollant when the	(208) 689 Aprop
Phonic If management	Sin occalions where animals were brused as the self-	(400) 003-0025
	TOUSED OF USED IT BOILD FREADY	inglice toward to
	The second of th	usawig, leaching, or exparimentalish, or held for the
		(206) 563-6525 testing, teaching, or experimentation, or hald for these purposes. Attach additions

See Attached Listing

FACILITY LOCATIONS(sites) 1201-9th AUE SEATTLE

inere a	re no re	Sukited	animals	t the fill	
REPORT OF ANIMALS USED BY	OR UNDER CONTROL (OF RESEARCH FACILIT	Y (Attach additional sheets if norm	Et this facility	
Animals Covernd By The Animal Welfare Regulations 4. Dogs	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	D. Number of animals upon which experiments, teaching, rosearch, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthelic, analysis, or tranquilising drugs would have adversely effected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cois, C + D + E)
5. Cats	0				0
6. Guinea Pigs	0				0
7. Harnsters	0				0
8. Rabbita	0				0
9. Non-Human Primates	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	O				0
					0
13, Other Animals	Ð	-			
					0
SSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of ancethetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected,
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary gare a aspects of enimal care and use.

		alibcy of other
Sec. 1	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	
· · · · · · · · · · · · · · · · · · ·	₹M 18-23 (Oct 88), whi	DATE SIGNED 12 8/04

9704947461

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to chase and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0007

CUSTOMER NO. 1019

FORM APPROVED OMB NO. 0579-0038

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Namo and Address, as mg/stered with USDA. BENAROYA RESEARCH INST. AT VIRGINIA MASON

1201 NINTH AVENUE SEATTLE, WA 98101 (208) 583-6525

REPORT OF ANIMALS USED BY	OR UNDER CONTROL			SEATTLE, WA 98101 (208) 583-6525	
REPORT OF ANIMALS USED BY A. Animals Covered	animeis being	C. Number of animals upon	I W. INCOMPTO STATEMENT INCOM	E. Number of animals upon which to the	
By The Arimal Welfare Regulations	bred, conditioned, or hold for use in leaching, losting, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or teats were conducted involving no pain, distress, or use of pain, rolleving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving eccompanying pain or distress to the animals and for which appropriate anosthetic, snalgesic, or tranquilizing drugs were used.	experimonis, research, surgery or test were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anosthetic.analgesic, or tranquitizing drups would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or teats. (An explanation of the procedures producing pain or distress in these animals and the reasons such drups were not used must be attached to this report)	F. TOTAL N OF ANIMA (Cols. C D + E)
there are	no red	genterted	animals.	at this facility	
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JRANOE STATEMENTS	1	Ī			

- Professionally acceptable alandards governing the care, treatment, and use of animals, including appropriate use of anesthelic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal invasigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of entimal care and use.

CERTIFIC/	TION BY HEADQUARTERS RESEARCH FACILITY OFFIC	
(Chief Ex	cutive Officer or Legally Responsible Institutional officer	IAL
l ande.	Legally Responsible Institutional officia	. 13

certify that the above is true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE DECE O COM

DATE SIGNED 12/8/27

Oct B\$), ₩

CONTINUE ADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215 See attached form for additional information. Interagency Report Control No.:

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0009 CUSTOMER NUMBER: 1020

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Eastern Washington University President'S Office, 214 Shw Cheney, WA 99004

Telephone: (509) -359-2371

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	JSED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					0
5. Cats		'			0
5. Guinea Pigs					0
7. Hamsters					0
8. Rabbits				'	0
9. Non-human Primates	·				0
10. Sheep					0
11. Pigs					D
12. Other Farm Animals			·		0
13. Other Animals	1.				0
	·				

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximate (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

		ATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C F O (1Δ1	I MANGE & TITLE OF C.E.O. OD INSTITUTIONAL OFFICIAL / Type of Print)	DATE SIGNED

SIGNATURE OF C.E.O. (

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лы технией by нам (7 USC 2143). Failufé to report according to the regulations can an order to cease and desist and to be subject to penalties as provided for in Section 21:

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

See attached form for CC_{i}^{i} additional information

12-1

FORM APPROVED OMB NO. 0579-0036

Hollister-Stier Laboratories Llc

1. CERTIFICATE NUMBER: 91-R-0011

CUSTOMER NUMBER: 1021

N. 3525 Regal Street Spokane, WA 99207

Telephone: (509) -489-5656

RTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

RT OF ANIMALS	T OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
imals Covered y The Animal are Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whith the use of appropriate anesthetic, analgesic, or tranquilizings would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report.)	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)				
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i									
rea Pigs	72	3553	0	69	3622				
sters									
bits									
-human Primates									
ер					ļ				
;									
er Farm Animals				COPY FOR YOU INFORMATION	R				
er Animals				"VFORMATION					
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RANCE STATEMENTS

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.

Each principal investigator has considered alternatives to painful procedures.

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE/SIGNED w

Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1.	Registration Number: 91-R-0011
2.	Number 69 of animals used in this study. COPY FOR YOU INFORMATION
3.	Number 69 of animals used in this study. NFORMATION Species (common name) Guinea Pigs of animals used in the study.
	or animalo about in the study.
4.	Explain the procedure producing pain and/or distress.
	Guinea Pigs are used for the performance of the Food and Drug Administration
	directed General Safety Test, as defined in 21 CFR part 610.11. The animals
	are given an intraperitoneal injection (part 610.11, c, 1) of up to 5mL of
	a product that is generally regarded as safe and non-toxic. The overt health
	of the animal is monitored for a seven day period, at which time the test is
	concluded. A failed test is indicated by either death or weight loss of the
	animal. Product interaction may be attributed to either of these results.
5.	Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)
	Anesthetics, analgesic or tranquilizing drugs are not administered, as they
	may interfere with the test results. The product may induce a pyrogenic
	response, potentially resulting in weight loss and/or death, which could be
	masked by these drugs. At any time during the test an animal appears to be
	ill and/or suffering, it may be humanely euthanized.
6	. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):
	Agency DHHS-FDA, CBER CFR 21CFR 610.11 General Saftey

See attached form for additional information.

CCL K # 11-29-01 Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: CUSTOMER NUMBER: 1022

91-R-0017

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Western Washington University 516 High Street - Ms 9038 Bellingham, WA 98225

Telephone: (360) -650-3220

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.			D. Number of animals upon	Attach additional sheets if necessary or use APHIS Form 7023A)		
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	OF ANIMALS	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-human Primates						
0. Sheep			· · · · · · · · · · · · · · · · · · ·			
1. Pigs						
2. Other Farm Animals						
3. Other Animals						
o. Other Arminais						
			·	No romania i		
				No regulated animals to repor	t	
ASSURANCE STATEMENTS						

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Instracting is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approximately institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in-
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY USABOURDE	RS RESEARCH FACILITY OFFICIAL
- THE TOWN ON THE TEXT OF THE	RS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer and annual	Responsible Institutional Official)
(The Legally	Kesponsible Institutional Official V

NAME & TITLE OF CEO OR INCOME

DATE SIGNED L1/22/04

SIGNATURE OF CEO OF MICTION

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215 UNITED STATES DEPARTMENT OF AGRICULTURE

See attached form for additional information. Interagency Report Control No. -04

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0018 CUSTOMER NUMBER: 1023

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Pierce College Veterinary Technology Dept. 9401 Farwest Drive Sw Lakewood, WA 98498

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Α.	B. Number of animal	C. Number of	ACILITY LOCATIONS (Sites) - Sites	ional chaste it	
Animals Covered By The Animal Welfare D	conditioned, or held for use in	animals upon which teaching,	D. Number of animals upon which experiments,	See Atached Listing ional sheets if necessary or use APHIS Form 70234	A) .
Regulations	teaching, testing, experiments, research, or surgery but not ye used for such purposes.	experiments, or tests were conducted involving no pain, distress, or use or pain-relieving	surgery, or lests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic anesthetic.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and fit drugs would have adversely affected the procedures or interpretation of the teaching, research, experimer surgery, or tests. (An explanation of the scheme for the procedures or interpretation of the teaching, research, experimer production.	ents, 9 for wh nequiliz TOTAL NUM OF ANIMA
4. Dogs		drugs.	tranquilizing drugs were used.	producing pain or distress in these animals and the result of drugs were not used must be attached to this re	reasc (COLUMI
5. Cats	0	0		Unis re	epon C+D+E
. Guinea Pigs	0	0	17	0	
Hamsters	0	0	15		17 .
Rabbits	0	0	0	0	15
Non-human Primates	0		0	0	0
Sheep Primates	0	0	0	0	0
	0	0	0	0	
Pigs	0	0	0	0	0
ther Farm Animals		0	0	0	0
Goats	0	3		0	0
her Animals	0	2	0	0	0
		_	0		3
				0	2
ANCE STATEMENTS			s, including appropriate use of appetra		

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserving, testing, surgery, or experimentation were followed by this research facility. Each principal investigator has considered alternatives to painful procedures.

his facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxima his facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and apprincipal stitutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in the IACUC summary of animals affected.

propriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INC.

which is obsolete.)

DATE SIGNED 10/21/0

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0023 CUSTOMER NUMBER: 1024

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Central Washington University 400 E. University Way Ellensburg, WA 98926

Telephone: (509) -963-3101

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.	B. Number of animal	C. Number of	- Attach addition	nal sheets if necessary or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic analyses.	Pumber of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for what the use of appropriate anesthetic, analgesic, or tranquilized upon the procedures, resort interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distances.)	OF ANIMAL
1. Dogs		drugs.	tranquilizing drugs were used.	such drugs were not used must be attached to this report	C + D + E
. Cats					
. Guinea Pigs					
Hamsters					
Rabbits					
Non-human Primates					
Sheep		4			-
Pigs					4
Other Farm Animals					
Other Animals					
JRANCE STATEMENTS					
Professionally acceptable st teaching, testing, surgery, or Each principal investigator hi This facility is adhering to the Institutional Animal Care and brief explanation of the excep The attending veterinarian for	standards and regulations to Use Committee (IACUC). A tions, as well as the species this receased facility applications.	under the Act, and it has rec summary of all such exce and number of animals affe propriate authority to ensure RTIFICATION BY HEAR	uired that exceptions to the standard options is attached to this annual re- octed.	stetic, analgesic, and tranquilizing drugs, prior to, during, and follow s and regulations be specified and explained by the principal invest eport. In addition to identifying the IACUC-approved exceptions, the care and to oversee the adequacy of other aspects of animal care	tigator and an
			OQUARTERS RESEARCH FACTOR Legally Responsible Institution	ILITY OFFICIAL nal Official)	e and use.
	(8)	which is obsolete.)			ATE SIGNED

`` ?	quired by law (7 USC 2143). 10 cease and desist and to UNITED STATES DE	Failure to report according	to the recovery					
	UNITED STATES DE	DA Design to penalties as p	ovided for in Section 244					
	ANIMAL AND PLANT	PARTMENT OF AGRIC HEALTH INSPECTION S	ULTURE SERVICE	1.	See attached form for additional information. 1. CERTIFICATE NUMBER: 91-R-0035			
AM	NUAL BEDGE			-	CUSTOMER NUMBER: 91-R-0025	FORM APPROVED OMB NO. 0579-0036		
		,		Fred Hutchinson Cancer Research Center 1100 Fairview Ave. North; Ms Be-114 P. O. Box 19024 Seattle, WA 98109				
3. REPORTING FACIL	.ITY (List all locations wher	e animals were housed or u	Sed in actual	l el	ephone: (206) -667-4558 Primentation, or held for these purposes. Attach additional sheet See Atached Listing			
	LU and		in actual research, testin	g, or expe	erimentation or hold o			
REPORT OF ANIA	440	DLSC F	ACILITY LOCATIONS		and, or field for these purposes. Attach additional shoot			
A.	ALS USED BY OR UND	ER CONTROL OF RESI	ACILITY LOCATIONS (S	ites) - (See Atached Listing ional sheets if necessary or use APHIS Form 7023A E. Number of animals upon which	s if necessary)		
	B. Number of anim	al C. Number of	ARCH FACILITY (Attac	h additi	onal sheets #			
Animals Covered By The A-:	conditioned, or	animals upon	D. Number of anima	is upon	E PROPERTY OF USE APHIS Form 70224			
Welfare Regulations	neld for use in teaching, testing,				(PSASTAL - POII WINCH tooks			
	research or	tests were	conducted invested	ere	research, surgery or tests were conducted involving accompanying pain or distress to the accompanying pain or distress to	s, F.		
	Surgery but not	conducted			the use of appropriate anesthetic	wh		
	used for such purposes.	distress or use	for which appear	als an	or interpretation of the teaching reason to tranqui	OF ANIMALE		
4. Dogs	-	pain-relieving drugs.	anesthetic, analges tranquilizing drugs v		producing (All explanation of the little intents	: 1		
5. Cats	68	65		/ere	producing pain or distress in these animals and the reas such drugs were not used must be attached to this repo	(COLUMNS C+D+E)		
. Guinea Pigs		65	3/5					
Hamsters					O	200		
						380		
Rabbits								
Non-human Primates				-				
Sheep				-				
Pigs								
other Farm Animals				+				
her Animals				1				
				1				
Mor				1				
NCE STATEMENTS				-				
aching, testing, surgery	dards governing the so-							
ich principal investigate.	perimentation were followed	eatment, and use of animals	including					
s facility is adhering to the sta titutional Animal Care and Use f explanation of the expension	considered alternatives to pa andards and regulations und a Committee (IACLIC)	ainful procedures.	appropriate use of	anestetic	, analgesic, and tranquilizing drugs, prior to, during, and followin	g actual rece		
attending veterinarian for this	s, as well as the species an research facility has approp	mmary of all such exception of animals affecte oriate authority to ensure	ed that exceptions to the stan ons is attached to this anni d.	dards and Jai report	analgesic, and tranquilizing drugs, prior to, during, and following the regulations be specified and explained by the principal investig the IACUC-approved exceptions, this and to oversee the adequacy of other aspects of animal care are of CFFICIAL	1008		
	CERTI (Chi	IFICATION BY HEADOL	Provision of adequate veterior	nary care	and to oversee the adequacy of other appears	ator and apr summary in:		
		- Moet of L	JARTERS RESEARCH F egally Responsible Institu	noiLITY itional O	OFFICIAL fficial)	nd use.		
,	37 10-23 (OCT 88), which				ICIAL (Type or Print)			
	√- ~ ≀ ∘ ο ο), whi α	ch is obsolete.)			DATE	SIGNED ACL		

See attached form for additional information. Interagency Report Control No.: 11-2-04

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0030 CUSTOMER NUMBER: 1028

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

VMRD, Inc. P. O. Box 502

Pullman, WA 99163

Telephone: (509) -334-5815

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report.)	OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		,			·
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep		1			1
11. Pigs		9			9
12. Other Farm Animals		i			
Horses		4			4
13. Other Animals					
~Goats		10			10
		1		<u> </u>	

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances. teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and app Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUA	ARTERS RESEARC	H FACILITY OFFICE	ÁL
(Chief Executive Officer or Le	nally Responsible In	estitutional Official \	

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/4/04

APHIS FORM 7023 (AUG 91)

his report is required by law (7 USC 2143). Failure to report according to the regulations can esult in an order to cease and desist and to be subject to penalties as provided for in Section 215 See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0033 CUSTOMER NUMBER: 1031

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Zymogenetics, Inc. 1201 & 1208 Eastlake Avenue East Seattle, WA 98102

Telephone: (206) -442-6775

. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

DEPORT OF ANIMALS	USED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY (Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures rese or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
1. Dogs			-		
5. Cats					Per
3. Guinea Pigs		\.	9		9
7. Hamsters					Pu Pu
8. Rabbits			301		301 110
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately appro Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

4	The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary.		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		and managed that the property of the state o
	TOTAL OF THE THOMAS OFFICIAL	/ Tyne or Print)	DATE SIGNED

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

29/04 Hauston See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0036

CUSTOMER NUMBER: 1032

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Seattle Biomedical Res. Inst. 307 Westlake Avenue North, Suite 500 Seattle, WA 98109

Telephone: (206) -284-8846 TP 11/09/04

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach additions	al sheets if necessary or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
i. Dogs			·		
i. Cats					•.
i. Guinea Pigs					
. Hamsters					
. Rabbits					
. Non-human Primates					
J. Sheep			·		
1. Pigs					
2. Other Farm Animals					
3. Other Animals					
ere were no U	JSDA regulate	l species us	ed at SBRI during	this reporting period.	
					÷

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese: teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in-brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	HEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official)	
***************************************	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
88), which is obsolete.)	·	1111210

See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0037

CUSTOMER NUMBER: 1033 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Icos Corporation 22021 - 20th Avenue Se Bothell, WA 98021

Telephone: (425) -485-1900

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

ICOS Corporation

Building 1 and $_{\mbox{FACILITY LOCATIONS (Sites)}}$ - See Atached Listing

22021 20th Av. SE Building 4 South

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
Dogs		7			7
Cats		Ÿ.			
Guinea Pigs		582			582
Hamsters		11			11
Rabbits					
Non-human Primates					
Sheep					
. Pigs			·	· .	
. Other Farm Animals					
Other Animals			: ::		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservances. teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

LO-21-04

This report is required by law (7 USC 2143). Failure to report according to the regulations can esult in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0038

CUSTOMER NUMBER: 1034

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY R&F

(TYPE OR PRINT)

(b)(6), (b)(7)c

R & R Rabbitry 20004 Happy Valley Rd. Stanwood, WA 98292

Telephone: (360) -652-7157

. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Lab Room 1

FACILITY LOCATIONS (Sites) - See Atached Listing

Surger Suite 1,2

١.	B. Number of animal	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching, experiments,	F.
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
. Dogs		1			
. Cats					
Guinea Pigs		3			3
. Hamsters					
Rabbits	568	369	12		381
. Non-human Primates		1			
. Sheep			10		10
. Pigs			821		168
. Other Farm Animals					
Goats		a			S
. Other Animals					
,		· .			
				. 1	
	1	1	,		L

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

10-4-04

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

UNITED	STATES DEPARTME	eport according to the regula o penalties as provided for in NT OF AGRICULTURE NSPECTION SERVICE		1. CERTIFICA	ATE NUMBER: 91-R-0		A APPROVED NO. 0579-0036
ANNUAL	. REPORT OF F (TYPE OR	RESEARCH FAC PRINT)	ILITY	200 S. 1	/alla Fire Dept./City I2th Ave. /alla, WA 99362	Of Walla Walla	
				Telepho	one: (509) -527-442	29	
. REPORTING FACILITY (L	ist all locations where anin	nals were housed or used in	actual research, testi	ng, or experimen	tation, or held for these purpo	oses. Attach additional sheets if nec	cessary)
			ITY LOCATIONS				
REPORT OF ANIMALS U	JSED BY OR UNDER	1	I			use APHIS Form 7023A)	F.
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of an which experint teaching, rest surgery, or the conducted invaccompanyin distress to the for which app anesthetic, ar tranquilizing oused.	nents, earch, ests were volving g pain or e animals an ropriate nalgesic, or	research, surgery or to accompanying pain of the use of appropriate drugs would have advor interpretation of the surgery, or tests. (Ar producing pain or dist	on which teaching, experiments, ests were conducted involving r distress to the animals and for what anesthetic, analgesic, or tranquilizersely affected the procedures, resteaching, research, experiments, a explanation of the procedures ress in these animals and the reascused must be attached to this report	TOTAL NUMBI OF ANIMALS (COLUMN C + D + E
. Dogs	Ø	Ø	\emptyset			Ø	Ø
. Cats							
. Guinea Pigs						·	
. Hamsters							
. Rabbits				-			
. Non-human Primates						·	
). Sheep							
1. Pigs							
2. Other Farm Animals							
			100				
3. Other Animals							

			,			/	
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		1/			•	V .	

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

JAL

2004 Renewal

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for Abold Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0040 CUSTOMER NO. 8221

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CLOUDED LEORARD RESEARCH & CONS. DROJECT.

CLOUDED LEOPARD RESEARCH & CONS. PROJECT 324 WEST GIBBS RD. SPOKANE, WA 99224

FACILITY LOCATIONS(sites) See Attached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) D. Number of animals upon B. Number of Number of E. Number of animals upon which teaching, animals upon animals being which experiments experiments, research, surgery or tests were **Animals Covered** TOTAL NO. bred, which teaching. teaching, research, conducted involving accompanying pain or distress By The Animal conditioned, or to the animals and for which the use of appropriate OF ANIMALS surgery, or tests were research, held for use in teaching, testing, anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or Welfare Regulations experiments, or conducted involving (Cols. C+ tests were accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) involving no experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these research, or and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. used. must be attached to this report) 4. Dogs hal Z no 5. Cats Ch I we Severe 0045 6. Guinea Pigs ali 7. Hamsters ecus Rabbits 9. Non-Human Primates 10. Sheep inched. 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive C	Officer or Legally Responsible Institutional official)	
	pove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF A FO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

PART 1 - HEADQUARTERS

1-27-04

וואסיים איט רייה א 18-23 (Oct 88), which is obsolete

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number: Customer Number:

91-R-0040

8221

Facility:

CLOUDED LEOPARD RESEARCH & CONS. PROJECT

324 WEST GIBBS RD. SPOKANE, WA 99224

CLOUDED LEOPARD RESEARCH & CONS. PROJECT 324 WEST GIBBS RD. SPOKANE, WA 99224

report is required by law (7 USC 2143). Failure to report according to the regulations can t in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

1035

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0042

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Reproductive Assays Lab. 502 South M St. #300 Tacoma, WA 98405

CUSTOMER NUMBER:

Telephone: (253) -475-5433

EPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report.)	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
Dogs	0	0	0	0	0
Cats	0	0	0	0	0
Buinea Pigs	0	0	0	0	3
lamsters	160	0	74	O Per merriage	90-74
Rabbits	0	0	0	0 12-14-04	0
Non-human Primates	0	0	0	o fa	0
Sheep	6	0	0	0	0
Pigs	0	0	0	<u> </u>	0
Other Farm Animals	Ö	0	0	0	0
				0	
Other Animals	O	0	0	0	0

SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

1036

interagency Report Confrol No. 22

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 91-R-0043

FORM APPROVED OMB NO. 0579-0036

CUSTOMER NUMBER:

Bio Res. Laboratories, Inc. 2897 152nd Ave. Ne Redmond, WA 98052

Telephone: (425) -869-4224

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS U	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Pogs		,			
5. Cats					
6. Guinea Pigs					
7. Hamsters				·	
8. Rabbits		6			6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals	. *				
Rats		93			93
Mice		40			40

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED



This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0048 CUSTOMER NO. 1281

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 SONUS PHARMACEUTICALS, INC.

SONUS PHARMACEUTICALS, INC 22026 20TH AVENUE SE BOTHELL, WA 98021

sheets if necessary.) FACILITY LOCATIONS(sites) SONUS PHARMACEUTICALS, INC. BOTHELL, WA 98021 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) D. Number of animals upon E. Number of animals upon which teaching, C. Number of B. Number of experiments, research, surgery or tests were which experiments, animals being animals upon conducted involving accompanying pain or distress TOTAL NO. Animals Covered bred, which teaching, teaching, research, OF ANIMALS to the animals and for which the use of appropriate surgery, or tests were By The Animal conditioned, or research, anesthetic, analgesic, or tranquilizing drugs would conducted involving experiments, or Welfare Regulations held for use in (Cols. C+ have adversely affected the procedures, results, or teaching, testing, accompanying pain or tests were interpretation of the teaching, research, D + E) experiments, conducted distress to the animals and for which appropriate experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these involving no pain, distress, or research, or anesthetic, analgesic, or surgery but not animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report) relieving drugs. purposes. used. 4. Dogs 5. Cats 6. Guinea Pigs Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL The Officer or Legally Responsible Institutional official) The above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/08/2004
1		1,1,00,200

ASSURANCE STATEMENTS

ils report is required by law (7 USC 2143). Failure to report according to the regulations can sult in an order to cease and desist and to be subject to penalties as provided for in Section 215

See attached form for additional information.

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CERTIFICATE NUMBER: 91-R-0049 CUSTOMER NUMBER: 1284

Targeted Genetics Corporation 1100 Olive Way, Suite #100 Seattle, WA 98101

Telephone: (206) -623-7612

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animais upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
Pags	Ø	Ø	Ø	Ø	Ø
Cats	Ø	Ø	Ø	Ø	Ø
Guinea Pigs	Ø	Ø	Ø	Ø	Ø
Hamsters	Ø	Ø	Ø	Ø	Ø
Rabbits	Ø	Ø	Ø	Ø.	Ø
Non-human Primates	Ø	Ø	Ø	Æ	Ø
Sheep	Ø	Ø	Ø	Ø	Ø
Pigs	Ø	Ø	Ø	Ø	Ø
Other Farm Animals	Ø.	Ø	Ø	Ø	Ø
Other Animals	Ø	Ø	Ø	Ø	Ø

SSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

SIGN

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

91-R-0049

Customer Number:

1284

Facility:

TARGETED GENETICS CORPORATION

1100 OLIVE WAY, SUITE #100

SEATTLE, WA 98101 (206) 623-7612

TARGETED GENETICS CORPORATION 1100 OLIVE WAY, SUITE #100 SEATTLE, WA 98101

iis report is required by law (7 USC 2143). Failure to report according to the regulations can sult in an order to cease and desist and to be subject to penalties as provided for in Section 215 See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 91-R-0051

CUSTOMER NUMBER: 1722

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Yakima Valley Community College P.O. Box 22520 Yakima, WA 98907

Telephone: (509) -574-4600

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)		
Dogs	O	72	64	0	1360		
Cats	0	87	45	0	132		
Guinea Pigs .	0	0	0	0	0		
Hamsters					0		
Rabbits					0		
Non-human Primates					0		
Sheep				·	0		
Pigs					0		
Other Farm Animals							
Other Animals							

SSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximately approxim Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional Official)	

SIGNATURE OF CIEIO, OR INSTITUTIONAL OFFICIAL

I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL. (Type or Print)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0052

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

CUSTOMER NO. 1822

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) SKELETECH

22002 26TH AVE, SE; STE 104.. BOTHELL, WA 98021

SKELE TECH BOTHELL, WA 98021					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs			70		70
7. Hamsters					
8. Rabbits			56		56
Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				6	
				`	
					1

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
(Chief Executiv	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
•	•	10/12/2004

ASSURANCE STATEMENTS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0052
CUSTOMER NUMBER: 1822

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Skeletech 22002 26th Ave, Se; Ste 104.. Bothell, WA 98021

Telephone: (425) -424-2663

:PORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

PORT OF ANIMALS U	ISED BY OR UNDER C	ONTROL OF RESEAR	CH FACILITY (Attach additional	al sheets if necessarv or use APHIS Form 7023A)	
Animals Covered By The Animal Velfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
ings					
ats			·		
Juinea Pigs			70		70
lamsters	i	,			
abbits			56		56
lon-human Primates					
iheep					
'igs		·			
Other Farm Animals					
Other Animals					
		·			

SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

I NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

12/2/04

eport is required by law (7 USC 2143). Failure to report according to the regulations can in an order to cease and desist and to be subject to penalties as provided for in Section 215 See anached form for Hauseme additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 91-R-0053

FORM APPROVED OMB NO. 0579-0036

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 11124

SNBL USA, Ltd 6605 Merrill Creek Parkway Everett, WA 98203

Telephone: (425) -407-0121

PORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Jelfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS
ogs					
ats					
iuinea Pigs					
lamsters					
labbits	. 13	70	0	0	70
lon-human Primates	1535	833	1599	0	2432
Sheep					
Pigs		·			
Other Farm Animals					
Other Animals				6	
					·
		1			
	 				

SURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	-
(Chief Executive Officer or Legally Responsible Institutional Official)	

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

PHIS FORM 7

IGNATURE (

in is obsolete.)



SNBL U.S.A., LTD. 6605 Merrill Creek Parkway Everett, Washington 98203 Tel: 425.407.0121

Fax: 425.407.8601

October 7, 2004

Dr. Robert M. Gibbens
Regional Director, Animal Care
Western Region
Regulatory Enforcement and Animal Care
Animal and Plant Health Inspection Service
United States Department of Agriculture
2150 Centre Avenue
Building B
Mail Stop #3W11
Fort Collins, CO 80526

Dear Dr. Gibbens:

Enclosed please find the SNBL USA, Ltd. "Annual Report of Research Facility". There have been no exceptions to the regulations and standards approved by the IACUC.

If you have any questions or concerns, please do not hesitate to contact me.

Most Sincerely,

(b)(6), (b)(7)c

IACUC Administrator

Enclosures

See attached form for additional information.

Interagency Report Control No.:

Sile V

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 91-R-0054

CUSTOMER NUMBER: 15097

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Triple J Farms & Kent Labs 777 Jorgensen Place Bellingham, WA 98226

Telephone: (360) -398-9512

. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY (Attach addition:	al sheets if necessary or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilizidrugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
. Dogs					
. Cats		,			
Guinea Pigs					
Hamsters					
Rabbits	4	5			5
Non-human Primates					
I. Sheep		5			_5
. Pigs					
. Other Farm Animals					
Goats		10			10
3. Other Animals					
			,		
				<u> </u>	**************************************

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

FORM 18-23 (OCT 88), which is obsolete.)

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approximation. In addition to identifying the IACUC-approved exceptions, this summary in brief explanation of the exceptions, as well as the species and number of animals affected.

research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Executive Officer or Legally Responsible Institutional Official)	
NAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED



UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS)



FY2004 APHIS Form 7023 Submission Assurance Statements and Signature Submission

	UNITED STAT ANIMAL AND F	ES DEPARTMENT OF AGRICULTURE PLANT HEALTH INSPECTION SERVICE	garage and a second of			
	ANNUAL F	REPORT OF RESEARCH FACILITY				
Regi	stration No:	91-R-0055 / 10011				
	Iquarters Research Facility:	CORIXA CORPORATION 1124 COLUMBIA STREET, SUITE 200 SEATTLE, WA 98104-2840 T: (406) 363-6214				
A 9 9	URANCE STATEMENTS		· · · · · · · · · · · · · · · · · · ·			
1)		e care, treatment, and use of animals, including appropriate use of an wing actual research, teaching, testing, surgery, or experimentation we	esthetic, analgesic, re followed by this			
2)	Each principal investigator has considered alternation					
3)	This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.					
4)	The attending veterinarian for this research facilit oversee the adequacy of other aspects of animal	ty has appropriate authority to ensure the provision of adequate vetering lare and use.	nary care and to			
	CERTIFICATION BY HE	ADQUARTERS RESEARCH FACILITY OFFICIAL				
	(Chief Executive Office I certify that the above is	cer or Legally Responsible Institutional official) true, correct, and complete (7 U.S.C. Section 2143)				
Sigr Offi	nature of C.E.O. or Institutional	Name & Title of C.E.O. or Institutional Official	Date Signed: 11 /03/2004 ((/3/04/			

Submit

11 - 11 - 220

CORIXA CORPORATION HAMILTON, MT 59840

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 91-R-0055

CUSTOMER NO. 10011

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) CORIXA CORPORATION

1124 COLUMBIA STREET, SUITE 200 SEATTLE, WA 98104-2840

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) D. Number of animals upon E. Number of animals upon which teaching, B. Number of C. Number of experiments, research, surgery or tests were animals being which experiments, animals upon TOTAL NO. conducted involving accompanying pain or distress which teaching, teaching, research, Animals Covered to the animals and for which the use of appropriate OF ANIMALS By The Animal conditioned, or research. surgery, or tests were held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations (Cols. C+ have adversely affected the procedures, results, or teaching, testing, accompanying pain or interpretation of the teaching, research, D + E) distress to the animals experiments, conducted experiments, surgery, or tests. (An explanation of research, or and for which appropriate involvina no the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report) purposes. relieving drugs used 4. Dogs 5. Cats 386 386 6. Guinea Pigs 21 21 7. Hamsters 44 44 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Execut	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional official) he above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/03/2004

port is required by law (7 USC 2143). Failure to report according to the regulations can n an order to cease and desist and to be subject to penalties as provided for in Section 21! See attached form for additional information. Interagency Report Control No.:

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 91-R-0056 CUSTOMER NUMBER: 20493

The Institute For Systems Biology 1441 N. 34th Street

Seattle, WA 98103

206-732-1221

ORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

OPT OF ANIMALS II	SED BY OR UNDER CO	ONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessary or use APHIS Form 7023A	
		C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilit drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F. TOTAL NUMBEI OF ANIMALS (COLUMNS C + D + E
					0
ogs 					0
ats	,				0
uinea Pigs	P				0
amsters					0
abbits			*		0
on-human Primates					
heep					0
Pigs					0
Other Farm Animals					0
Direct Familians				c	
3.		 			0
Other Animals					
1	·				

SURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

---- OD INSTITUTIONAL OFFICIAL / Type or Print)

DATE/SIGNED 16/04

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 91-R-0057 CUSTOMER NO. 23329

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 SOUND PHARMACEUTICALS, INC.
 4010 STONE WAY N SUITE 120

4010 STONE WAY N SUITE 120 SEATTLE, WA 98155

(206) 634-2559

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

sheets if necessary.)

FACILITY LOCATIONS(sites)

Institue for Systems Biology

1441 N 34th St

Seattle WA 98103-8904

	E WA JUIUS		<u> </u>		
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY		sary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	,				
5. Cats		,			
6. Guinea Pigs			4		4
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep			·		
11. Pigs					
12. Other Farm Animals					
					+ V
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executi	I BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) le above is true, correct, and complete (7 U.S.C. Section 2143)	
CICNATIDE OF CEO OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	· ·	11/19/04

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information

Hallsonia. ce'i Euth Interagency Report Control No

FORM APPROVED OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 91--V--001

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Department of Veteraus Affairs Headquarters 810 Vermont Avenue NW Washington, DC 20420

REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

663-VA Puget Sound Health Care System

1660 S. Columbian Way Seatile, WA 98108

EPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use APHIS FORM 7023A.)

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
: Dogs	0	0	10		10 .
Cats	0	00	0		. 0
. Guinea Pigs	0	0	44		44
. Hamsters	0	0	0		0
. Rabbits	21	0	135		135
. Non-human Primates	0 .	0	0		0
0. Sheep	0	0	0		0
1. Pigs	0	0	9		9
2. Other Farm Animals					
3. Other Animals					
			٠.		
	·				

SSURANCE STATEMENTS

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- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)

DATE SIGNED

DEC - 1 2004

DEC 072004

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See reverse side for additional information. NULLY HOUSE ONLONG ONLONG

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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. Cats	0	0	0		0
i. Guinea Pigs	0	0	44		44
Hamsters	0	0	0		0
. Rabbits	21	0	135		135
. Non-human Primates	0	0	0		0
0. Sheep	0	0	0		0
1. Pigs	0	0	9		9
2. Other Farm Animals					
Other Animals				0	

SSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Chief Executive Officer or Legally Responsible Institutional Officer I certify that the above is true, correct, and complete (7 U.S.C. Section 2143). DEC 1 3 2004

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL Type or Print)

DATE SIGNED